

Saturday August 28 **Symposium 24**

*Location: Room 3*

## **Functional analysis of natural variation**

Organizers: *Christian Schlötterer, Universität Wien, Austria*  
*Alistair McGregor, Universität Wien, Austria*  
*Jean-Michel Gibert, University of Geneva, Switzerland*

- 09.45 - 10.15 VINCENT COUSTHAM (invited)  
Linking molecular biology and natural variation to gain insights into *Arabidopsis* adaptation
- 10.15 - 10.45 ROWAN BARRETT (invited)  
Natural selection on a major armor gene in threespine stickleback
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 LAURA E. ROSE  
How does genetic variation translate into functional differences among individuals of interacting hosts and parasites ?
- 11.35 - 11.55 JIN-YONG HU  
Structural variation of ath\_miR824 precursors fine-tunes life cycle traits and contributes to the adaptive evolution of *Arabidopsis thaliana*
- 11.55 - 12.15 FREDERIC MERY  
Natural variation in a cGMP-dependent protein kinase (PKG) gene (for) underlie an adaptive response of memory to environmental heterogeneity
- 12.15 - 12.35 JAY F. STORZ  
High-altitude adaptation of deer mouse hemoglobins involves parallel functional differentiation at multiple globin gene duplicates
- 12.35 - 12.55 JEAN-MICHEL GIBERT  
Functional analysis of natural variant of the Polycomb group gene *cramped*
- 12.55 - 13.35 *Lunch*